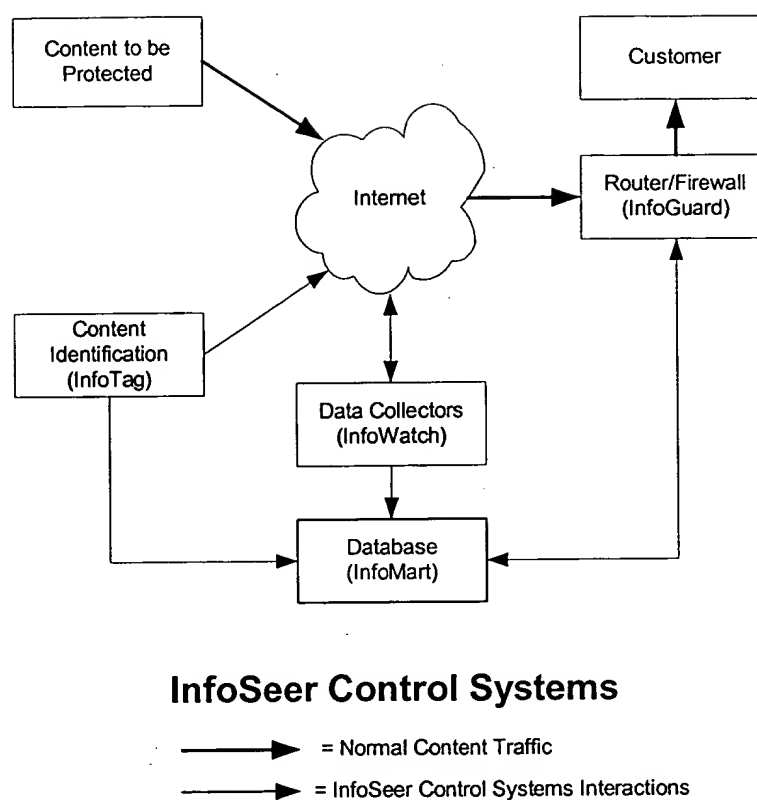


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**Figure 1: Overview of System incorporating File Tags.**

```

graph TD
    IGOR[IG Owner Router] -- Routes --> RD[Route Definition]
    IGOR -- Selected IP --> RI[Receive IP]
    RD -- Targets --> TRD[Target Routing Data]
    RI -- TCP Packets --> RT[Receive TCP]
    RI -- UDP Packets --> RU[Receive UDP]
    RT -- IP and Ports --> PR[Port Router]
    RU -- IP and Ports --> PR
    PR -- Target Ports --> PD[Port Data]
    PD -- IP Ports --> C[Control]
    C -- Status --> IM[InfoMart]
    IM -- Target IP --> C
    IM -- Distributed Tag --> C
    IM -- Associated Data --> C
    C -- Tag Updates --> TD[Tag Data]
    TD -- Data Titles --> FE[FileName Extract]
    FE -- Message Body --> TS[Tag Search]
    FE -- Message Headers --> TS
    FE -- Filename No Match --> TS
    FE -- Matched Filename and Tag --> TS
    TS -- Valid IP --> TI[Transmit IP]
    TS -- Search Status --> RD
    
```

Several actions can be take:  
 Log the transfer of copyrighted material,  
 redirect the transfer to a URL for purchase of a legal copy of the copyrighted material,  
 sprinkle the transfer with erroneous data or  
 Stop the transfer of the copyrighted material

y